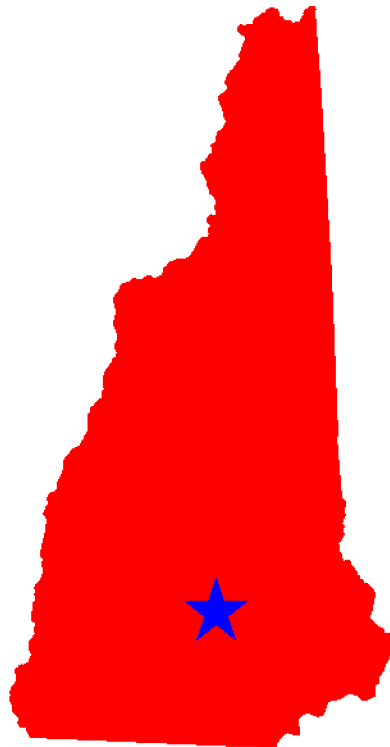




Traffic Safety Facts New Hampshire 2003-2007



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS)

FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)

Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the New Hampshire State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)

Population Data - U.S. Bureau of the Census



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Fatality Rates: New Hampshire , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	New Hampshire	127	12,953	0.98	1,282,844	9.90
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	New Hampshire	171	13,543	1.26	1,294,285	13.21
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	New Hampshire	166	13,429	1.24	1,303,112	12.74
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	New Hampshire	127	13,614	0.93	1,311,821	9.68
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	New Hampshire	129			1,315,828	9.80
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: [Lowest VMT and Population Rates Could Be in Different States](#)

[2007 State Vehicle Miles Traveled \(VMT\) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change](#)

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Alcohol-Related Fatalities: New Hampshire , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	New Hampshire	127	51	40	42	33	0.33
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	New Hampshire	171	59	35	52	31	0.39
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	New Hampshire	166	61	37	55	33	0.41
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	New Hampshire	127	49	39	47	37	0.34
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	New Hampshire	129	49	38	39	30	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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Alcohol-Impaired Driving Fatalities: New Hampshire , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	New Hampshire	127	36	29	0.28
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	New Hampshire	171	51	30	0.38
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	New Hampshire	166	54	33	0.40
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	New Hampshire	127	46	36	0.33
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	New Hampshire	129	34	26	
	US	41,059	12,998	32	0.43
	Best State*			17	

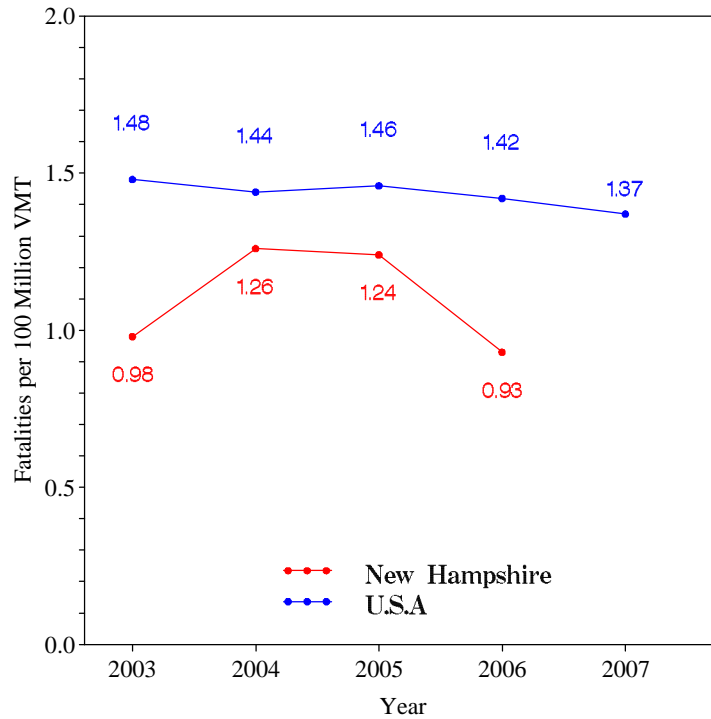
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

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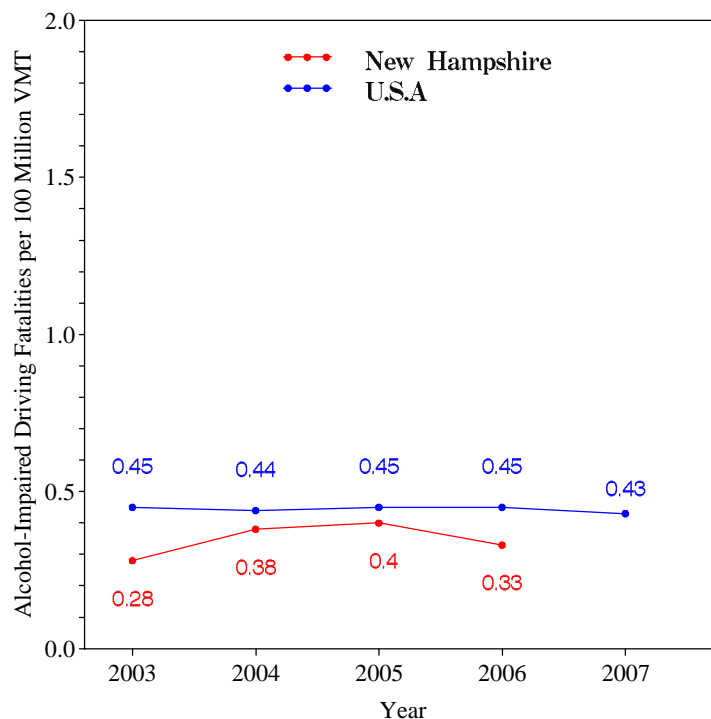


Fatalities per 100 Million VMT: New Hampshire and U.S



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Alcohol-Impaired Driving Fatalities per 100 Million VMT: New Hampshire and U.S



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Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: New Hampshire , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	New Hampshire	23	20	87	72	65	90	95	85	89
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	New Hampshire	41	21	51	100	97	97	141	118	84
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	New Hampshire	36	24	67	110	101	92	146	125	86
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	New Hampshire	33	25	76	75	69	92	108	94	87
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	New Hampshire	31	24	77	75	62	83	106	86	81
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Passenger Vehicle Occupant Fatalities by Restraint Use: New Hampshire , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	New Hampshire	91	27	29	50
	US	32,271	14,075	44	79
	Best State*			64	95
2004	New Hampshire	123	37	30	
	US	31,866	14,225	45	80
	Best State*			68	95
2005	New Hampshire	106	32	30	
	US	31,549	14,061	45	82
	Best State*			68	95
2006	New Hampshire	98	23	24	
	US	30,686	13,760	45	81
	Best State*			66	96
2007	New Hampshire	86			64
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

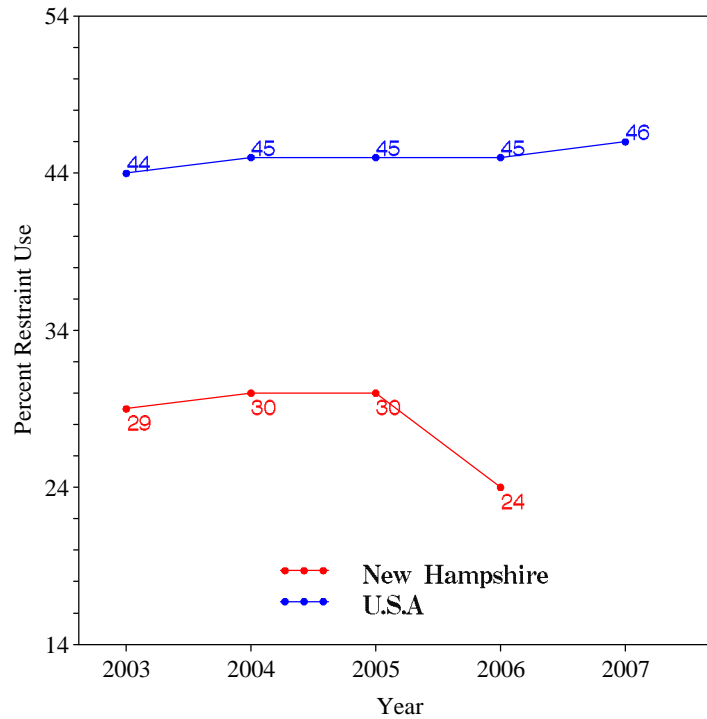
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. New Hampshire Data: State Survey

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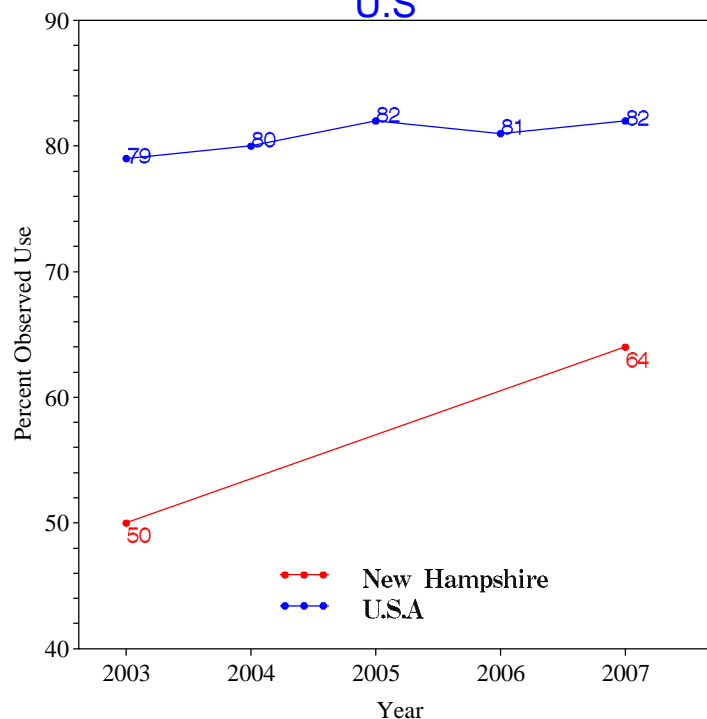


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: New Hampshire and U.S



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Passenger Vehicle Occupants by Percent Restraint Use Observed: New Hampshire and U.S





Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	91	27	64	30	33
2004	123	37	86	46	47
2005	106	32	74	34	39
2006	98	23	75	26	28
2007	86	26	60	28	28

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	0	0	0	0	0
2004	0	0	0	0	0
2005	0	0	0	0	0
2006	0	0	0	0	0
2007	0	0	0	0	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	9	5	4	3	1
2004	28	15	13	9	5
2005	44	10	34	6	13
2006	21	6	15	4	6
2007	25	10	15	6	6

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

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Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	55	15	76	16	66	15	60	17	53	15
	Light Truck - Pickup	22	6	18	4	18	4	11	3	12	3
	Light Truck - Utility	12	3	21	4	20	4	20	6	16	4
	Light Truck - Van	2	1	8	2	2	0	7	2	5	1
	Large Truck	1	0	3	1	2	0	0	0	1	0
	Other/Unknown Occupants	4	1	1	0	5	1	0	0	1	0
	Total Occupants	96	26	127	26	113	25	98	27	88	24
Motorcyclists	Motorcycle	9	2	28	6	44	10	21	6	25	7
Non-Occupants	Pedestrian	19	5	15	3	5	1	6	2	13	4
	Bicyclist and Other Cyclist	2	1	1	0	3	1	2	1	3	1
	Other/Unknown Non-Occupants	1	0	0	0	1	0	0	0	0	0
	Total Non-Occupants	22	6	16	3	9	2	8	2	16	4
Total	Total	127	34	171	35	166	37	127	35	129	36

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	127	171	166	127	129
- Single Vehicle (1)	73	93	100	74	73
- Involving a Large Truck (2)	13	15	11	7	12
- Involving Speeding (3)	31	41	56	42	41
- Involving a Rollover (4)	29	40	32	29	20
- Involving a Roadway Departure (5)	84	116	120	93	85
- Involving an Intersection (or Intersection related) (6)	23	26	26	22	27

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	1	3	3	2	0	0	9
2004	3	4	8	6	4	4	29
2005	4	11	7	10	7	4	43
2006	0	2	4	6	9	0	21
2007	2	3	6	7	5	2	25

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	9	59,692	15.08
2004	29	66,319	43.73
2005	43	68,879	62.43
2006	21	70,778	29.67
2007	25		

*Data Source: FHWA

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Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Rockingham County	31	10.45
2	Hillsborough County	29	7.21
3	Cheshire County	15	19.30
4	Merrimack County	15	10.12
5	Belknap County	10	16.38
6	Strafford County	8	6.58
7	Sullivan County	8	18.74
8	Carroll County	5	10.55
9	Grafton County	5	5.85
10	Coos County	3	9.15

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Cheshire County	15	19.30
2	Sullivan County	8	18.74
3	Belknap County	10	16.38
4	Carroll County	5	10.55
5	Rockingham County	31	10.45
6	Merrimack County	15	10.12
7	Coos County	3	9.15
8	Hillsborough County	29	7.21
9	Strafford County	8	6.58
10	Grafton County	5	5.85

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Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Hillsborough County	12	3.06
2	Rockingham County	8	2.83
3	Sullivan County	3	7.50
4	Belknap County	3	4.91
5	Cheshire County	3	3.60
6	Merrimack County	2	1.48
7	Grafton County	1	1.52
8	Carroll County	1	1.06
9	Coos County	0	0.00
10	Strafford County	0	0.00

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Sullivan County	3	7.50
2	Belknap County	3	4.91
3	Cheshire County	3	3.60
4	Hillsborough County	12	3.06
5	Rockingham County	8	2.83
6	Grafton County	1	1.52
7	Merrimack County	2	1.48
8	Carroll County	1	1.06
9	Coos County	0	0.00
10	Strafford County	0	0.00

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